S Y N O P S I S

"WEBSITES / WEBPAGES OF CENTRAL UNIVERSITY LIBRARIES IN INDIA: A WEBOMETRIC STUDY"

Submitted to

Swami Ramanand Teerth Marathwada University, Nanded.

For the Degree of

Doctor of Philosophy in Library and Information Science

In

Faculty of Inter-Disciplinary Studies

By

Mr. Yogesh Sopan Kawale

(Research Student)

Under the Guidance

Dr. Namdev Kishanrao Rathod

Librarian

Sambhajirao Kendre Mahavidyala,

Jalkot, Tq. Jalkot Dist. Latur.

September 2023

INTRODUCTION

SR.NO.	PARTICULARS
01	Introduction
02	Review of Literature
03	Objective of the Study
04	Hypothesis of Present Study
05	Scope of Limitation of Research
06	Research Methods
07	Data Collection Methods
08	Conspectus
09	Chapertrization
10	References
11	Appendices

Introduction;

Today's age is information and technology age. Information technology has been used as a research center as well as in Library.Libraries is known as knowledge resource center. The librarian is not just a librarian, but today, there are a lot of great responsibilities. That is why it is currently being referred to as the "Information Office." To date, the role of a librarian has been very important in this field. You can see many of these concepts to reach the reader in this era. It is very important to mention libraries WebPages as the primary source of Information. The importance of pages is unique in the era of Information in university libraries. So, a library cannot be completed with out Information, whether it is a public library, Educational Library, or research library. WebPages have a unique position in the contents; this Information is published for the first time. When supports are usually referred to as the primary Information. In this research, these have been central university libraries. WebPages will be analyzed in the webometrics methods. A brief overview of the country level forms the geographical level to using Information in discovering the word art.

The science of **webometrics**, also known as **cyber metrics**, tries to measure the World Wide Web to learn about the number and types of various Links and hyperlinks, the structure of the World Wide Web and use of an pattern. The term "webometrics" is defined by Björneborn and Ingwersen as "the study of the quantitative aspects of the construction and use of information resources, structures, and technologies on the Web drawing on bibliometric and informetric approaches."**Almind** and **Ingwersen (1997)** are credited with coining the term "webometrics." Webometrics has also been given a second definition, "the study of web-based content with primarily quantitative methods for social science research goals using techniques that are not specific to one field of study", which places an emphasis on the creation of applied methods for use in the broader social sciences. Instead than replacing the original concept inside information science, the goal of this other definition was to promote appropriate techniques outside of the field.

Selecting Reason for of topic:

The topic of this research is selected webometrics analysis of thecentral university library. Webometrics analysis has gained great importance in the Library and information science. The importance of webometrics analysis is not easily toorealized. However,the

technique of where the central university libraries provide Information through the WebPages and websites are rich in collections. In the view of librarian, webometrics analysis has a different significance. Based on the analysis mentioned, the librarian can make some great decisions. Example of which central universities provide large amounts of Information to users. All these analysis will give huge collection of Information through these webs 2.0. Nowadays, various remote access resources provide a great collection of databases. Mostly most faculties and students have great benefits and heavy usage, mainly research students have important

Need of the study:

Librarians help the Library find the most useful Information in the central libraries by webometrics analysis; the quality of the rich knowledge resources collections available in their libraries will be understood by the Information from a librarian's perspective views. This research will be a very valuable and hugely informative collection.

Objectives of the study:

The main objective of the research deals with "**Webometrics**"

The main objectives of the studies are as follows;

1. To view the central universities rich collection.
2. To study the Web 2.0 services.
3. To obtain statistical Information of Libraries WebPages and collections.
4. To search the services and rich collection of Journals and databases subscribed.
5. To know the publication of faculties and remote access.
6. To know the special websites of central universities libraries

Hypothesis:

Hypothesis is usually considered as the principal instrument in research its main function is to suggest new experiments and observations. Hypothesis is a theoretical proposition that is capable of empirical verification. It may be viewed as an observation and explanation. Of some events and which may be true or false explanation. On the basis of suvey and observation study conducted and literature review the following hypotheses have been

formulated which has also tested at the end of the study.Webometrics is a new research field in library and information science applying quantitative bibliometric methodology.

1) Huge level of information source from Central universities of Web-pages
2) Measuring of huge scale of numbers of webpages
3) Study found huge traffic on websites – library webpages.
4) Related hyperlinks and links in Libraries webpages.
5) Huge cumulative data retrieved from the study

Scope and limitation of research:

The Present research covers web metrics analysis study of central university WebPages. The scope and limitation of the of the above research are limited to the 56 Central Universities of India.

Review of literature:

The purpose of conducting the review of literature is toenable the researchers to get clear understanding of research topic. Review oncitation analysis is taken separately, which is the pathfinder for his research.review on any study is guidance for further study. The website of Shodhagangaand Shodhgangotri (INFLIBNET) were research for these datebase. However, secondary information resources and reference books were consulted, namelyLibrary and information science and technology abstract proquest and Libraryinformation science. Rakesh Kumar (2022) Websites of Universities in Madhya Pradesh A Webometric Study. Jayshankar R (2010) Websites Of Engineering Educational Institutions In Tamil Nadu A Webometric Study. Krishnakumar (2015) Webometric Analysis of Business Schools Library Websites in India

Research Methodology:

This is a set of systematic techniques in research. This simply means a guide to research and how it is conducted. It describes and analyses methods, throwing more light on their limitation and resources, and clarifies their perceptions and consequences relating their potentialities to the light zone at the frontiers of knowledge.

The present study has been concluded by using the webometrics technique. The following methodology has been adopted in this study. The Information was composed of different

concerned institutes. Therefore, the **survey method / Observation method** of research has been found appropriate and utilized for conducting the study. For the purpose of the study, library websites of central universities have been collected. The Web addresses of central university libraries are given in the Introduction

Tools for Data Collection;

Tools for Data Collection For this study, there are a number of Search engines with other tools were used to collect data according to the need and applicability of the research area. Number of WebPages: The URLs of libraries of central university have been collected by visiting their library websites. All the URLs/websites of Library are tested through command line textual queries like link, link domain, site, etc., inside the preferred search engine's database. For the study, search engine Google is used for webometric data collection and analysis. The central university libraries were followed by a checklist to study the web pages of the websites. The research method used in this study is **observation.**

Webometrics:

Webometrics covers the nature and properties of the world wide web (WWW) by using the advance informatics methodologies. The term webometrics is a originated from two modern English words, 'web' and 'metric'. The word web is acronym of World Wide Web (www). The Dictionary of Science to view and retrieve Information from 'documents' containing links. On the other hand, metrics have to do with counting or measurements. Webster's Comprehensive Dictionary of English Language defined metrics as 'the mathematical theory of measurements'. Webometrics is the new discipline that intends to apply Bibliometrics, Scientometrics,Informatics and Cybernetics techniques to the process of scientific communication, which takes place on the Web in order to know and describe them from a quantitative point of view (Walia&Kaur, 2008).

Conspectus :

The present work has been divided in five chapters.

Chapter – I Introduction

First chapter deals with preamble proposed research definitional analysisobjectives, hypothesis, scope and limitation, methodology, and conspectus etc.

Chapter - II Review of Literature

This chapter deals with the relevant review of literature. This analysis of the reviewed literature is the key focus of any research. It enables one to be aware of the past and current trends in any particular branch of research. It is an objective analysis and interpretation of contributions of author literature grouped in the following ways.

- Introduction
- No. of Central University
- Research Productivity WebPages
- Web metric Analysis
- Link and Hyperlink
- Conclusion

Chapter – III Research Methodology

This chapter presents details regarding the research methodology and procedures adopted in data collection from Secondary Information Sources.

Chapter – IV Data Analysis and Interpretations

This chapter with the research productivity of Academic Librarians affiliated to SRTMUN Nanded. This deals with the web page analysis of the collected data for the Websites of central universities in India.

Chapter – V Findings, Conclusion and Implications

This chapter summarizes the major findings and implications. Website information for India's Central Universities. Significant information as well as numerous connections and relationships between Web pages.

References:

1. Wadje, Kailash; "A Webometric Study of Engineering Colleges in Maharashtra Special Reference to Library WebPages" (2018) Thesis submitted to Swami Ramanand Teerth Marathwada University.

2. Ashram Pal; "Webometric Analysis of Library WebPages of IITs and IIMS A Comparative Study" (2019) Thesis submitted Mandsour University, Mandsour.

3. Ramalingam, Jeyshankar -"Webometric Analysis of Deemed University Websites in India" (2019). Library Philosophy and Practice (e-journal). 2266.

4. Krishnakumar. P; "Webometric Analysis of Business Schools Library Websites in India" (2015), Thesis submitted to Karunya University, Coimbotore, Tamil Nadu.

5. Dhanalaxmi ; " Webometrics analysis of Indian Universities: A Study" (2016) Thesis submitted to **Bharathiar University,** Coimbotore, Tamil Nadu.

6. Mehrotra Binu; "Websites of Universities in Madhya Pradesh A Webometric Study" (2022) Thesis submitted to Rabindranath Tagore University, Bhopal.

7. https://www.ugc.gov.in/

8. https://www.education.gov.in/central-universities

9. https://en.wikipedia.org/wiki/Central_university_(India)

10. http://www.amu.ac.in/

11. http://www.aus.ac.in

12. http://www.bbau.ac.in/

13. http://www.bhu.ac.in/

14. http://www.cub.ac.in/
15. http://www.cug.ac.in/
16. http://www.cuh.ac.in
17. http://www.cuhimachal.ac.in/
18. https://www.cujammu.ac.in
19. http://cuj.ac.in/
20. http://www.cuk.ac.in/
21. http://www.cukashmir.ac.in/
22. http://www.cukerala.ac.in/
23. http://cuo.ac.in/
24. http://www.cup.ac.in
25. http://www.curaj.ac.in/
26. http://www.cutn.ac.in
27. http://www.dhsgsu.ac.in/
28. http://www.ggu.ac.in/
29. http://www.hnbgu.ac.in
30. http://www.ignou.ac.in/
31. http://www.igntu.ac.in/
32. http://jmi.ac.in/
33. http://www.jnu.ac.in/
34. http://www.hindivishwa.org/
35. http://www.manipuruniv.ac.in/
36. http://www.manuu.ac.in/
37. http://www.mzu.edu.in/
38. http://nagalanduniversity.ac.in

39. http://www.nehu.ac.in/
40. http://www.pondiuni.edu.in/
41. http://www.rgu.ac.in/
42. http://www.cus.ac.in
43. http://www.tezu.ernet.in/
44. http://www.efluniversity.ac.in/
45. http://www.tripurauniv.in/
46. http://www.allduniv.ac.in/
47. http://du.ac.in/
48. http://www.uohyd.ac.in
49. http://www.visva-bharati.ac.in
50. http://www.mgcub.ac.in
51. http://www.sanskrit.nic.in
52. https://www.slbsrsv.ac.in
53. https://nsktu.ac.in

Mr Yogesh Sopan Kawale

Research Student

Dr. Namdev Kishanrao Rathod

Research Supervisor